

INGRAM CANYON RESERVOIR

Description

Ingram Canyon Reservoir, a proposed south of Delta offstream storage facility, would be located in Stanislaus County, about 2 miles west of the California Aqueduct and 32 miles south of the Banks Pumping Plant. Two alternative south of Delta offstream storage proposals, Quinto Creek Reservoir and Panoche Reservoir, are also under consideration. Potential storage capacity at Ingram Canyon Reservoir ranges up to about 1 million acre-feet. An 820 TAF Ingram Canyon Reservoir would be developed by constructing a 750 foot dam. Facilities would include the offstream storage reservoir, pumping-generating plants, and conveyance facilities. This project would function similarly to the existing San Luis Reservoir, adding flexibility for Delta export operations when optimal biological and water quality conditions occur.

Potential Benefits

- Improved water supply reliability for the SWP and CVP.
- Increased operational flexibility for managing Delta fisheries and water quality.
- Increased flexibility to provide water south of the Delta during periods of Delta export curtailment.
- Improved south of Delta water supply in the aftermath of a catastrophic seismic or flood event in the Delta.

Potential Impacts

- Inundation of 3,500 of acres, primarily grassland, oak savanna, oak woodland, and chaparral habitat.
- Inundation of 5 miles of intermittent streambed.
- Possible habitat for the San Joaquin kit fox.

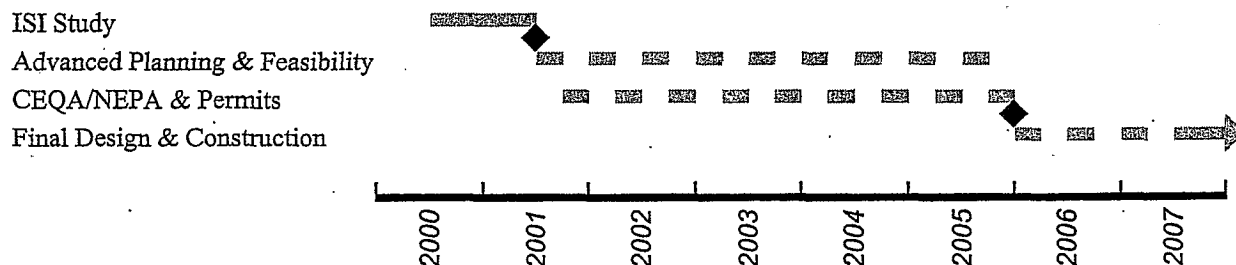
Estimated Cost of Reservoir and Conveyance Facilities

Storage Capacity:	820 TAF
Total Capital Cost:	\$1,700,000,000
Total Annual Cost:	\$120,000,000

Implementation Issues

Ingram Canyon Reservoir is one of three off-aqueduct alternatives being evaluated by DWR at the reconnaissance level to determine if any alternatives warrant study at the feasibility level. Complete field surveys of environmental and cultural resources will be needed to assess potential impacts. Preliminary cost estimates relative to other storage alternatives are high. More affordable south of Delta offstream storage reservoirs were screened out due to unacceptable footprint impacts during CALFED's initial reservoir screening process.

Implementation Timeline



Recommendations

Complete DWR estimates of costs, benefits and impacts through the ISI.